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## RAW SEQUENCE LISTING

DATE: 01/15/2002

PATENT APPLICATION: US/09/931,486

TIME: 09:56:00

Input Set : N:\Crif3\RULE60\09931486.raw

Output Set: N:\CRF3\01152002\I931486.raw

# 2.

## SEQUENCE LISTING

## 1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: JANNES, GEERT

3 ROSSAU, RUDI

4 VAN HEUVERS WYN, HUGO

5 (ii) TITLE OF INVENTION: SIMULTANEOUS DETECTION, IDENTIFICATION

6 AND DIFFERENTIATION OF EUBACTERIAL TAXA USING A  
7 HYBRIDIZATION ASSAY

8 (iii) NUMBER OF SEQUENCES: 216

9 (iv) CORRESPONDENCE ADDRESS:

10 (A) ADDRESSEE: NIXON &amp; VANDERHYE P.C.

11 (B) STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR

12 (C) CITY: WASHINGTON

13 (D) STATE: D.C.

14 (E) COUNTRY: USA

15 (F) ZIP: 22201

16 (v) COMPUTER READABLE FORM:

17 (A) MEDIUM TYPE: Floppy disk

18 (B) COMPUTER: IBM PC compatible

19 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

20 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

21 (vi) CURRENT APPLICATION DATA:

C--&gt; 22 (A) APPLICATION NUMBER: US/09/931,486

C--&gt; 23 (B) FILING DATE: 17-Aug-2001

24 (C) CLASSIFICATION:

25 (vii) PRIOR APPLICATION DATA:

26 (A) APPLICATION NUMBER: 09/448,894

27 (B) FILING DATE:

28 (A) APPLICATION NUMBER: EP 95870032.0

29 (B) FILING DATE: 07-APR-1995

30 (A) APPLICATION NUMBER: EP 94870106.5

31 (B) FILING DATE: 24-JUN-1994

32 (viii) ATTORNEY/AGENT INFORMATION:

33 (A) NAME: SADOFF, B.J.

34 (B) REGISTRATION NUMBER: 36,663

35 (C) REFERENCE/DOCKET NUMBER: 1487-14

36 (ix) TELECOMMUNICATION INFORMATION:

37 (A) TELEPHONE: 703-816-4091

38 (B) TELEFAX: 703-816-4100

39 (2) INFORMATION FOR SEQ ID NO: 1:

40 (i) SEQUENCE CHARACTERISTICS:

41 (A) LENGTH: 25 base pairs

42 (B) TYPE: nucleic acid

43 (C) STRANDEDNESS: single

44 (D) TOPOLOGY: linear

45 (ii) MOLECULE TYPE: cDNA

46 (iii) HYPOTHETICAL: NO

ENTERED

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47      (iv) ANTI-SENSE: NO
48      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
49      ACTGGATAGT GGTTGCGAGC ATCTA
51 (2) INFORMATION FOR SEQ ID NO: 2:
52      (i) SEQUENCE CHARACTERISTICS:
53          (A) LENGTH: 26 base pairs
54          (B) TYPE: nucleic acid
55          (C) STRANDEDNESS: single
56          (D) TOPOLOGY: linear
57      (ii) MOLECULE TYPE: cDNA
58      (iii) HYPOTHETICAL: NO
59      (iv) ANTI-SENSE: NO
60      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
61      CTTCTGAATA GTGGTTGCGA GCATCT
63 (2) INFORMATION FOR SEQ ID NO: 3:
64      (i) SEQUENCE CHARACTERISTICS:
65          (A) LENGTH: 25 base pairs
66          (B) TYPE: nucleic acid
67          (C) STRANDEDNESS: single
68          (D) TOPOLOGY: linear
69      (ii) MOLECULE TYPE: cDNA
70      (iii) HYPOTHETICAL: NO
71      (iv) ANTI-SENSE: NO
72      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
73      GGGTGCATGA CAACAAAGTT GGCCA
75 (2) INFORMATION FOR SEQ ID NO: 4:
76      (i) SEQUENCE CHARACTERISTICS:
77          (A) LENGTH: 24 base pairs
78          (B) TYPE: nucleic acid
79          (C) STRANDEDNESS: single
80          (D) TOPOLOGY: linear
81      (ii) MOLECULE TYPE: cDNA
82      (iii) HYPOTHETICAL: NO
83      (iv) ANTI-SENSE: NO
84      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
85      GACTTGTTCC AGGTGTTGTC CCAC
87 (2) INFORMATION FOR SEQ ID NO: 5:
88      (i) SEQUENCE CHARACTERISTICS:
89          (A) LENGTH: 21 base pairs
90          (B) TYPE: nucleic acid
91          (C) STRANDEDNESS: single
92          (D) TOPOLOGY: linear
93      (ii) MOLECULE TYPE: cDNA
94      (iii) HYPOTHETICAL: NO
95      (iv) ANTI-SENSE: NO
96      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
97      CGGCTAGCGG TGGCGTGTTC T
99 (2) INFORMATION FOR SEQ ID NO: 6:
100     (i) SEQUENCE CHARACTERISTICS:

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101      (A) LENGTH: 26 base pairs
102      (B) TYPE: nucleic acid
103      (C) STRANDEDNESS: single
104      (D) TOPOLOGY: linear
105      (ii) MOLECULE TYPE: cDNA
106      (iii) HYPOTHETICAL: NO
107      (iv) ANTI-SENSE: NO
108      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
109      CAACAGCAAA TGATTGCCAG ACACAC
111 (2) INFORMATION FOR SEQ ID NO: 7:
112      (i) SEQUENCE CHARACTERISTICS:
113          (A) LENGTH: 21 base pairs
114          (B) TYPE: nucleic acid
115          (C) STRANDEDNESS: single
116          (D) TOPOLOGY: linear
117      (ii) MOLECULE TYPE: cDNA
118      (iii) HYPOTHETICAL: NO
119      (iv) ANTI-SENSE: NO
120      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
121      GAGGGGTTCC CGTCTGTAGT G
123 (2) INFORMATION FOR SEQ ID NO: 8:
124      (i) SEQUENCE CHARACTERISTICS:
125          (A) LENGTH: 22 base pairs
126          (B) TYPE: nucleic acid
127          (C) STRANDEDNESS: single
128          (D) TOPOLOGY: linear
129      (ii) MOLECULE TYPE: cDNA
130      (iii) HYPOTHETICAL: NO
131      (iv) ANTI-SENSE: NO
132      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
133      TGAGGGGTTC TCGTCTGTAG TG
135 (2) INFORMATION FOR SEQ ID NO: 9:
136      (i) SEQUENCE CHARACTERISTICS:
137          (A) LENGTH: 21 base pairs
138          (B) TYPE: nucleic acid
139          (C) STRANDEDNESS: single
140          (D) TOPOLOGY: linear
141      (ii) MOLECULE TYPE: cDNA
142      (iii) HYPOTHETICAL: NO
143      (iv) ANTI-SENSE: NO
144      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
145      CACTCGGTTCG ATCCGTGTGG A
147 (2) INFORMATION FOR SEQ ID NO: 10:
148      (i) SEQUENCE CHARACTERISTICS:
149          (A) LENGTH: 21 base pairs
150          (B) TYPE: nucleic acid
151          (C) STRANDEDNESS: single
152          (D) TOPOLOGY: linear
153      (ii) MOLECULE TYPE: cDNA

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154 (iii) HYPOTHETICAL: NO
155 (iv) ANTI-SENSE: NO
156 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
157 TCGGTCCGTC CGTGTGGAGT C 21
159 (2) INFORMATION FOR SEQ ID NO: 11:
160 (i) SEQUENCE CHARACTERISTICS:
161 (A) LENGTH: 20 base pairs
162 (B) TYPE: nucleic acid
163 (C) STRANDEDNESS: single
164 (D) TOPOLOGY: linear
165 (ii) MOLECULE TYPE: cDNA
166 (iii) HYPOTHETICAL: NO
167 (iv) ANTI-SENSE: NO
168 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
169 GTGGCCGGCG TTCATCGAAA 20
171 (2) INFORMATION FOR SEQ ID NO: 12:
172 (i) SEQUENCE CHARACTERISTICS:
173 (A) LENGTH: 25 base pairs
174 (B) TYPE: nucleic acid
175 (C) STRANDEDNESS: single
176 (D) TOPOLOGY: linear
177 (ii) MOLECULE TYPE: cDNA
178 (iii) HYPOTHETICAL: NO
179 (iv) ANTI-SENSE: NO
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
181 GCATAGTCCT TAGGGCTGAT GCGTT 25
183 (2) INFORMATION FOR SEQ ID NO: 13:
184 (i) SEQUENCE CHARACTERISTICS:
185 (A) LENGTH: 25 base pairs
186 (B) TYPE: nucleic acid
187 (C) STRANDEDNESS: single
188 (D) TOPOLOGY: linear
189 (ii) MOLECULE TYPE: cDNA
190 (iii) HYPOTHETICAL: NO
191 (iv) ANTI-SENSE: NO
192 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
193 GCTGATGCGT TCGTCGAAAT GTGTA 25
195 (2) INFORMATION FOR SEQ ID NO: 14:
196 (i) SEQUENCE CHARACTERISTICS:
197 (A) LENGTH: 23 base pairs
198 (B) TYPE: nucleic acid
199 (C) STRANDEDNESS: single
200 (D) TOPOLOGY: linear
201 (ii) MOLECULE TYPE: cDNA
202 (iii) HYPOTHETICAL: NO
203 (iv) ANTI-SENSE: NO
204 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
205 CTGATGCGTT CGTCGAAATG TGT 23
207 (2) INFORMATION FOR SEQ ID NO: 15:

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208      (i) SEQUENCE CHARACTERISTICS:
209          (A) LENGTH: 22 base pairs
210          (B) TYPE: nucleic acid
211          (C) STRANDEDNESS: single
212          (D) TOPOLOGY: linear
213      (ii) MOLECULE TYPE: cDNA
214      (iii) HYPOTHETICAL: NO
215      (iv) ANTI-SENSE: NO
216      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
217          TGATGCGTTC GTCGAAATGT GT
219 (2) INFORMATION FOR SEQ ID NO: 16:
220      (i) SEQUENCE CHARACTERISTICS:
221          (A) LENGTH: 27 base pairs
222          (B) TYPE: nucleic acid
223          (C) STRANDEDNESS: single
224          (D) TOPOLOGY: linear
225      (ii) MOLECULE TYPE: cDNA
226      (iii) HYPOTHETICAL: NO
227      (iv) ANTI-SENSE: NO
228      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
229          GGCTGATGCG TTCGTCGAAA TGTGTAA
231 (2) INFORMATION FOR SEQ ID NO: 17:
232      (i) SEQUENCE CHARACTERISTICS:
233          (A) LENGTH: 24 base pairs
234          (B) TYPE: nucleic acid
235          (C) STRANDEDNESS: single
236          (D) TOPOLOGY: linear
237      (ii) MOLECULE TYPE: cDNA
238      (iii) HYPOTHETICAL: NO
239      (iv) ANTI-SENSE: NO
240      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
241          ACTAGATGAA CGCGTAGTCC TTGT
243 (2) INFORMATION FOR SEQ ID NO: 18:
244      (i) SEQUENCE CHARACTERISTICS:
245          (A) LENGTH: 22 base pairs
246          (B) TYPE: nucleic acid
247          (C) STRANDEDNESS: single
248          (D) TOPOLOGY: linear
249      (ii) MOLECULE TYPE: cDNA
250      (iii) HYPOTHETICAL: NO
251      (iv) ANTI-SENSE: NO
252      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
253          TGGACGAAAA CCGGGTGCAC AA
255 (2) INFORMATION FOR SEQ ID NO: 19:
256      (i) SEQUENCE CHARACTERISTICS:
257          (A) LENGTH: 38 base pairs
258          (B) TYPE: nucleic acid
259          (C) STRANDEDNESS: single
260          (D) TOPOLOGY: linear

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/931,486

DATE: 01/15/2002

TIME: 09:56:01

Input Set : N:\Crf3\RULE60\09931486.raw

Output Set: N:\CRF3\01152002\I931486.raw

L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]